

## **CHAPTER 9D. SIGNALS**

### **Section 9D.01 Application**

**Support:**

01 Part 4 contains information regarding signal warrants and other requirements relating to signal installations.

**Option:**

02 For purposes of signal warrant evaluation, bicyclists may be counted as either vehicles or pedestrians.

**Support:**

Also refer Part 4 of this Manual for highway traffic signals, in particular:

- Section 4C.102(CA) – Bicycle signal warrants.
- Section 4D.104(CA) – Bicycle Signals.
- Section 4D.105(CA) – Bicycle Detectors.

### **Section 9D.02 Signal Operations for Bicycles**

**Standard:**

01 **At installations where visibility-limited signal faces are used, signal faces shall be adjusted so bicyclists for whom the indications are intended can see the signal indications. If the visibility-limited signal faces cannot be aimed to serve the bicyclist, then separate signal faces shall be provided for the bicyclist.**

02 **On bikeways, signal timing and actuation shall be reviewed and adjusted to consider the needs of bicyclists.**